

**IN THE SPECIFICATION**

**Please amend the Abstract as follows:**

~~A Disclosed~~ wideband optical fiber amplifier ~~is disclosed for amplifiesing and outputsing wideband optical signals, including containing C-band optical signals and L-band optical signals that are input from an optical communication network. The wideband optical fiber-amplifier includes: a first amplification section for amplifying the wideband optical signals; a second amplification section for amplifying the separated L-band optical signals which are separated from wideband optical signals amplified by the first amplification section; an optical signal coupler for combining and outputting the optical signals amplified by each of the first and second amplification sections to output the combined optical signals to the optical communication network; and an optical circulator. The~~ A first port of the optical circulator ~~has a first port for causing inputs the wideband optical signals from the optical communication network to be inputted;~~ has a first port ~~for causing inputs the wideband optical signals from the optical communication network to be inputted;~~ for causing inputs the wideband optical signals from the optical communication network to be inputted; a second port ~~outputs for causing the inputted wideband optical signals to be output and for causing inputs spontaneous emissions generated from the first amplification section to be input;~~ outputs for causing the inputted wideband optical signals to be output and for causing inputs spontaneous emissions generated from the first amplification section to be input; a third port ~~for causing provides the spontaneous emissions to be provided as pumping lights to the second amplification section while inputting and for causing the L-band optical signals amplified by the second amplification section to be input;~~ provides the spontaneous emissions to be provided as pumping lights to the second amplification section while inputting and for causing the L-band optical signals amplified by the second amplification section to be input; and a fourth port ~~for outputs causing the L-band optical signals that were inputted into the third port to be output to the optical signal coupler. The wideband optical fiber amplifier enables the number of components to be decreased using the four port optical circulator, so that both a noise figure and an insertion loss can be decreased, and manufacturing expenses can be saved.~~